

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	42	(US-20020091293-\$ or US-20020106513-\$ or US-20040127580-\$).did. or (US-3625286-\$ or US-4565635-\$ or US-5096600-\$ or US-5147841-\$ or US-5362402-\$ or US-5447639-\$ or US-5587157-\$ or US-5589164-\$ or US-5616253-\$ or US-5662824-\$ or US-5711020-\$ or US-5725802-\$ or US-5733067-\$ or US-5736032-\$ or US-5770172-\$ or US-5789649-\$ or US-5833388-\$ or US-5990365-\$ or US-6013232-\$ or US-6045707-\$ or US-6121371-\$ or US-6190092-\$ or US-6207114-\$ or US-6261029-\$ or US-6265205-\$ or US-6303367-\$). did. or (US-6357968-\$ or US-6398960-\$ or US-6403364-\$ or US-6413489-\$ or US-6423531-\$). did. or (WO-9709114-\$).did. or (JP-10071386-\$ or JP-10263522-\$ or JP-11235577-\$ or JP-60039178-\$).did. or (WO-8102688-\$ or EP-370939-\$ or JP-2002069425-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/26 21:50
S1	0	("ironandcopper").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/01/10 14:24
S2	111587	iron and copper	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/10 11:47
S3	147020	iron and carbon	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/10 11:47
S4	90761	sieve	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/10 11:47
S5	56487	(iron and copper) and (iron and carbon)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/10 11:48
S6	5005	sieve and ((iron and copper) and (iron and carbon))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/10 11:49

S7	6	"5975798"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/10 11:49
S8	30	("4830766"   "5318116"   "5362402"   "5447639"   "5534154"   "5616253"   "5730550"   "5750036"   "5789649"   "5857810").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/24 16:49
S9	4	"5975798".URPN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/10 11:51
S10	10	("4830766"   "5318116"   "5362402"   "5447639"   "5534154"   "5616253"   "5730550"   "5750036"   "5789649"   "5857810").PN.	USPAT	OR	ON	2002/01/24 16:49
S11	10	((("4830766"   "5318116"   "5362402"   "5447639"   "5534154"   "5616253"   "5730550"   "5750036"   "5789649"   "5857810").PN.) and iron	USPAT	OR	ON	2002/01/10 11:53
S12	4	((("4830766"   "5318116"   "5362402"   "5447639"   "5534154"   "5616253"   "5730550"   "5750036"   "5789649"   "5857810").PN.) and copper	USPAT	OR	ON	2002/01/10 11:53
S13	9	((("4830766"   "5318116"   "5362402"   "5447639"   "5534154"   "5616253"   "5730550"   "5750036"   "5789649"   "5857810").PN.) and carbon	USPAT	OR	ON	2002/01/24 16:49
S14	4	((("4830766"   "5318116"   "5362402"   "5447639"   "5534154"   "5616253"   "5730550"   "5750036"   "5789649"   "5857810").PN.) and copper) and (((("4830766"   "5318116"   "5362402"   "5447639"   "5534154"   "5616253"   "5730550"   "5750036"   "5789649"   "5857810").PN.) and carbon)	USPAT	OR	ON	2002/01/10 11:54

S15	0	((("4830766"   "5318116"   "5362402"   "5447639"   "5534154"   "5616253"   "5730550"   "5750036"   "5789649"   "5857810").PN.) and copper) and ((("4830766"   "5318116"   "5362402"   "5447639"   "5534154"   "5616253"   "5730550"   "5750036"   "5789649"   "5857810").PN.) and carbon)) and halide	USPAT	OR	ON	2002/01/10 11:55
S16	3	((("4830766"   "5318116"   "5362402"   "5447639"   "5534154"   "5616253"   "5730550"   "5750036"   "5789649"   "5857810").PN.) and copper) and ((("4830766"   "5318116"   "5362402"   "5447639"   "5534154"   "5616253"   "5730550"   "5750036"   "5789649"   "5857810").PN.) and carbon)) and halogen\$4	USPAT	OR	ON	2002/01/10 11:55
S17	3	"6068777"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/10 11:56
S18	21	("5258124"   "5362402"   "5447639"   "5575927"   "5750036"   "5833388"   "5868941").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/10 11:57
S19	7	("5258124"   "5362402"   "5447639"   "5575927"   "5750036"   "5833388"   "5868941").PN.	USPAT	OR	ON	2002/01/10 12:12
S20	423	(405/128.1,128.15,128.4,128.45,128.5,128.55,128.7,128.75,128.8).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/01/23 08:26
S21	45	(405/128.8,128.55).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/01/23 08:25
S22	4	("3862876").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/01/10 14:27
S23	202	(428/69).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/01/10 14:27

S24	45	(405/128.8,128.55).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/01/23 08:25
S25	423	(405/128.1,128.15,128.4,128.45, 128.5,128.55,128.7,128.75,128.8). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/01/23 08:26
S26	2	("5032042").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/01/23 08:59
S27	2	("5975798").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/01/23 09:03
S28	1	("0606877").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/01/23 09:03
S29	2	("6068777").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/01/23 09:03
S30	285	(588/231,236,248).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/01/26 19:22
S31	1404	(210/747,757,908).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/01/26 19:22
S32	358	(405/128.15,128.45,128.5,128.55, 128.75,128.8).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/01/23 10:36
S33	1917	((("588/231,236,248").CCLS.) or (("210/747,757,908").CCLS.) or (("405/128.15,128.45,128.5,128.55, 128.75,128.8").CCLS.))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/24 16:54

S34	633	((("588/231,236,248").CCLS.) or ("210/747,757,908").CCLS.) or ("405/128.15,128.45,128.5,128.55,128.75,128.8").CCLS.)) and iron	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/23 10:40
S35	47	((("588/231,236,248").CCLS.) or ("210/747,757,908").CCLS.) or ("405/128.15,128.45,128.5,128.55,128.75,128.8").CCLS.)) and iron) and (iron near2 powder\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/23 11:54
S36	47	((("588/231,236,248").CCLS.) or ("210/747,757,908").CCLS.) or ("405/128.15,128.45,128.5,128.55,128.75,128.8").CCLS.)) and iron) and (iron near2 powder\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/23 11:54
S37	36	(((((("588/231,236,248").CCLS.) or ("210/747,757,908").CCLS.) or ("405/128.15,128.45,128.5,128.55,128.75,128.8").CCLS.)) and iron) and (iron near2 powder\$3) ) and sodium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/23 11:55
S38	7	(((((("588/231,236,248").CCLS.) or ("210/747,757,908").CCLS.) or ("405/128.15,128.45,128.5,128.55,128.75,128.8").CCLS.)) and iron) and (iron near2 powder\$3) ) and sodium) and (sodium near2 (hydrogensulfite or disulfite or dithionite))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/23 12:03
S39	21	("5258124"   "5362402"   "5447639"   "5575927"   "5750036"   "5833388"   "5868941").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/23 11:57
S40	7	("5258124"   "5362402"   "5447639"   "5575927"   "5750036"   "5833388"   "5868941").PN.	USPAT	OR	ON	2002/01/24 16:49
S41	1	("5258124"   "5362402"   "5447639"   "5575927"   "5750036"   "5833388"   "5868941").PN.) and (sodium near2 (hydrogensulfite or disulfite or dithionite))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/23 11:58
S42	1653	iron and (sodium near2 (hydrogensulfite or disulfite or dithionite))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/23 12:04
S43	6	(iron and (sodium near2 (hydrogensulfite or disulfite or dithionite))) and (solubilize near5 (ferrous or iron))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/23 12:05
S44	7	("5258124"   "5362402"   "5447639"   "5575927"   "5750036"   "5833388"   "5868941").PN.	USPAT	OR	ON	2002/01/24 16:49

S45	30	("4830766"   "5318116"   "5362402"   "5447639"   "5534154"   "5616253"   "5730550"   "5750036"   "5789649"   "5857810").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/24 16:49
S46	10	("4830766"   "5318116"   "5362402"   "5447639"   "5534154"   "5616253"   "5730550"   "5750036"   "5789649"   "5857810").PN.	USPAT	OR	ON	2002/01/24 16:49
S47	14	((("5258124"   "5362402"   "5447639"   "5575927"   "5750036"   "5833388"   "5868941").PN. ) OR ("4830766"   "5318116"   "5362402"   "5447639"   "5534154"   "5616253"   "5730550"   "5750036"   "5789649"   "5857810").PN. ) OR ("4830766"   "5318116"   "5362402"   "5447639"   "5534154"   "5616253"   "5730550"   "5750036"   "5789649"   "5857810").PN. )	USPAT	OR	ON	2002/01/24 16:50
S48	4	((("5258124"   "5362402"   "5447639"   "5575927"   "5750036"   "5833388"   "5868941").PN. ) OR ("4830766"   "5318116"   "5362402"   "5447639"   "5534154"   "5616253"   "5730550"   "5750036"   "5789649"   "5857810").PN. ) OR ("4830766"   "5318116"   "5362402"   "5447639"   "5534154"   "5616253"   "5730550"   "5750036"   "5789649"   "5857810").PN. )) AND HEAT	USPAT	OR	ON	2002/01/24 16:50
S49	1918	((("588/231,236,248").CCLS.) or ("210/747,757,908").CCLS.) or ("405/128.15,128.45,128.5,128.55,128.75,128.8").CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/24 16:54
S50	322	((("588/231,236,248").CCLS.) or ("210/747,757,908").CCLS.) or ("405/128.15,128.45,128.5,128.55,128.75,128.8").CCLS.) ) and remediation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/24 16:54
S51	103	((("588/231,236,248").CCLS.) or ("210/747,757,908").CCLS.) or ("405/128.15,128.45,128.5,128.55,128.75,128.8").CCLS.) ) and remediation) and heat	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/24 16:56
S52	7	(((((("588/231,236,248").CCLS.) or ("210/747,757,908").CCLS.) or ("405/128.15,128.45,128.5,128.55,128.75,128.8").CCLS.) ) and remediation) and heat) and halide\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/24 16:56

S53	13	(((((("588/231,236,248").CCLS.) or ("210/747,757,908").CCLS.) or ("405/128.15,128.45,128.5,128.55,128.75,128.8").CCLS.) ) and remediation) and heat) and halogen	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/24 16:56
S54	17	(((((("588/231,236,248").CCLS.) or ("210/747,757,908").CCLS.) or ("405/128.15,128.45,128.5,128.55,128.75,128.8").CCLS.) ) and remediation) and heat) and halide\$) or ((((((("588/231,236,248").CCLS.) or ("210/747,757,908").CCLS.) or ("405/128.15,128.45,128.5,128.55,128.75,128.8").CCLS.) ) and remediation) and heat) and halogen)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/24 16:56
S55	14	(((((("588/231,236,248").CCLS.) or ("210/747,757,908").CCLS.) or ("405/128.15,128.45,128.5,128.55,128.75,128.8").CCLS.) ) and remediation) and heat) and halide\$) or ((((((("588/231,236,248").CCLS.) or ("210/747,757,908").CCLS.) or ("405/128.15,128.45,128.5,128.55,128.75,128.8").CCLS.) ) and remediation) and heat) and halogen)) and (reduc\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/01/24 18:37
S56	3	("5616253").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/01/24 18:38
S57	0	("Dowa.as.").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/08/01 10:39
S58	0	("Dowa.in.").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/08/01 10:39
S59	3897	dowa.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/08/01 10:40
S60	7	dowa.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/08/01 10:40

S61	3900	dowa.as. or dowa.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/08/01 10:40
S62	610	(dowa.as. or dowa.in.) and iron	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/08/01 10:40
S63	224	((dowa.as. or dowa.in.) and iron) and iron near5 powder	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/08/01 10:40
S64	2	((((dowa.as. or dowa.in.) and iron) and iron near5 powder) and E-200	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/08/01 17:13
S65	28	((((dowa.as. or dowa.in.) and iron) and iron near5 powder) and (soil or contamin\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/08/01 10:42
S66	25	"3737384"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/08/01 16:47
S67	16	"5833388"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/08/01 16:47
S68	58078	iron same powder	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/08/01 19:24
S69	6171	(iron same powder) and (soil or contamina\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/08/01 17:14
S70	133	((iron same powder) and (soil or contamina\$5)) and (spong\$3 same iron)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/08/01 17:14
S71	0	((((iron same powder) and (soil or contamina\$5)) and (spong\$3 same iron)) and spongy adj iron	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/08/01 17:15
S72	0	((((iron same powder) and (soil or contamina\$5)) and (spong\$3 same iron)) and (spongy adj iron)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/08/01 17:22



S73	15	((iron same powder) and (soil or contamina\$5)) and (spong\$3 same iron)) and spongy	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/03 17:27
S74	64	(iron same powder) and zero adj valent	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/08/01 19:31
S75	5	((iron same powder) and zero adj valent) and spong\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/08/01 19:32
S76	3	((iron same powder) and zero adj valent) and spong\$3) and (cu or copper)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/08/01 19:33
S77	10	(US-6303367-\$ or US-5362402-\$ or US-5447639-\$ or US-5616253-\$ or US-5096600-\$ or US-5711020-\$). did. or (JP-10263522-\$ or JP-11235577-\$ or JP-10071386-\$). did. or (JP-2002069425-\$).did.	USPAT; JPO; DERWENT	OR	OFF	2002/10/03 14:12
S78	1330	zero adj valent	US-PGPUB; USPAT; EPO; JPO	OR	ON	2002/10/03 14:17
S79	454	zerovalent	US-PGPUB; USPAT; EPO; JPO	OR	ON	2002/10/03 14:17
S80	1714	(zero adj valent) or zerovalent	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/28 12:09
S81	7	((zero adj valent) or zerovalent) and (DNAPL or NAPL)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2002/10/03 14:22
S82	667	((zero adj valent) or zerovalent) and (iron)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2002/10/03 14:21
S83	7	((zero adj valent) or zerovalent) and (iron)) and ((zero adj valent) or zerovalent) and (DNAPL or NAPL))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2002/10/03 14:21
S84	41	((zero adj valent) or zerovalent) and (metal same emulsion)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2002/10/03 14:22
S85	68	((zero adj valent) or zerovalent) and (metal same surfactant)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2002/10/03 14:23
S86	143	((zero adj valent) or zerovalent) and (metal same oil)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2002/10/03 14:24

S87	2	((zero adj valent) or zerovalent) and (metal same emulsion)) and ((zero adj valent) or zerovalent) and (metal same surfactant)) and ((zero adj valent) or zerovalent) and (metal same oil))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2002/10/03 14:24
S88	23	((zero adj valent) or zerovalent) and (metal same surfactant)) and ((zero adj valent) or zerovalent) and (metal same oil))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2002/10/03 14:24
S89	1714	(zero adj valent) or zerovalent	US-PGPUB; USPAT; EPO; JPO	OR	ON	2002/10/03 15:38
S90	1515	((zero adj valent) or zerovalent ) and metal	US-PGPUB; USPAT; EPO; JPO	OR	ON	2002/10/03 15:38
S91	667	((zero adj valent) or zerovalent ) and iron	US-PGPUB; USPAT; EPO; JPO	OR	ON	2002/10/03 15:38
S92	1535	((zero adj valent) or zerovalent ) and metal) or ((zero adj valent) or zerovalent ) and iron)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2002/10/03 15:38
S93	133	588/248	US-PGPUB; USPAT; EPO; JPO	OR	ON	2002/10/03 16:59
S94	0	405/128.75,128.45	US-PGPUB; USPAT; EPO; JPO	OR	ON	2002/10/03 17:01
S95	209	(405/128.75,128.45).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/01/26 19:22
S96	339	588/248 or ((405/128.75,128.45).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/03 17:27
S97	2	((588/248 or ((405/128.75,128.45).CCLS.)) and ((zero adj valent) or zerovalent)) and ((588/248 or ((405/128.75,128.45).CCLS.)) and DNAPL)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/03 17:28
S98	10	(588/248 or ((405/128.75,128.45).CCLS.)) and ((zero adj valent) or zerovalent)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/03 17:37
S99	10	(588/248 or ((405/128.75,128.45).CCLS.)) and DNAPL	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/03 17:37

S10 0	2187	((zero adj valent) or zerovalent)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/03 17:37
S10 1	68	DNAPL	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/03 17:37
S10 2	7	((((zero adj valent) or zerovalent)) and DNAPL	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/03 17:37
S10 3	180	((((zero adj valent) or zerovalent)) and emulsion	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/03 17:38
S10 4	177	(((((zero adj valent) or zerovalent)) and emulsion) and (metal\$4 or iron)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/03 17:38
S10 5	66	(((((zero adj valent) or zerovalent)) and emulsion) and (metal\$4 or iron)) and surfactant	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/03 17:38
S10 6	0	((((((zero adj valent) or zerovalent)) and emulsion) and (metal\$4 or iron)) and surfactant and oil) and (oil same surfactant same zero\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/03 17:40
S10 7	51	((((((zero adj valent) or zerovalent)) and emulsion) and (metal\$4 or iron)) and surfactant and oil	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/03 17:43
S10 8	51	((((((zero adj valent) or zerovalent)) and emulsion) and (metal\$4 or iron)) and surfactant and oil) and emulsion	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/03 17:43
S10 9	1394	zero adj valent	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 14:16
S11 0	131	(zero adj valent) same metal and emulsion	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 14:18
S11 1	7	(zero adj valent) same metal same emulsion	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 16:21
S11 2	942	(zero adj valent) same metal	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 16:21

S11 3	185	(zero adj valent) same iron	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 16:25
S11 4	991	((zero adj valent) same metal ) or ((zero adj valent) same iron)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 18:31
S11 5	510	((zero adj valent) same metal ) or ((zero adj valent) same iron)) and (halogen\$5 or dehalogenat\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 16:23
S11 6	82	((zero adj valent) same metal ) or ((zero adj valent) same iron)) and (halogen\$5 or dehalogenat\$3)) and emulsion	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 16:24
S11 7	132	((zero adj valent) same metal ) or ((zero adj valent) same iron)) and (halogen\$5 or dehalogenat\$3)) and suspension	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 16:24
S11 8	177	((zero adj valent) same metal ) or ((zero adj valent) same iron)) and (halogen\$5 or dehalogenat\$3)) and emulsion) or (((zero adj valent) same metal ) or ((zero adj valent) same iron)) and (halogen\$5 or dehalogenat\$3)) and suspension)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 16:24
S11 9	5	((zero adj valent) same metal ) or ((zero adj valent) same iron)) and (halogen\$5 or dehalogenat\$3)) and emulsion) or (((zero adj valent) same metal ) or ((zero adj valent) same iron)) and (halogen\$5 or dehalogenat\$3)) and suspension)) and (zero adj valent) same (emulsion or suspension)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 16:25
S12 0	21	(zero adj valent) same (emulsion or suspension)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 16:29
S12 1	16	((zero adj valent) same (emulsion or suspension)) not (((zero adj valent) same metal ) or ((zero adj valent) same iron)) and (halogen\$5 or dehalogenat\$3)) and emulsion) or (((zero adj valent) same metal ) or ((zero adj valent) same iron)) and (halogen\$5 or dehalogenat\$3)) and suspension)) and (zero adj valent) same (emulsion or suspension))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 16:29

S12 2	5	((zero adj valent) same (emulsion or suspension)) not (((zero adj valent) same metal ) or ((zero adj valent) same iron)) and (halogen\$5 or dehalogenat\$3)) and emulsion) or (((zero adj valent) same metal ) or ((zero adj valent) same iron)) and (halogen\$5 or dehalogenat\$3)) and suspension)) and (zero adj valent) same (emulsion or suspension))) and emulsion	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 16:34
S12 3	11	((zero adj valent) same (emulsion or suspension)) not (((zero adj valent) same metal ) or ((zero adj valent) same iron)) and (halogen\$5 or dehalogenat\$3)) and emulsion) or (((zero adj valent) same metal ) or ((zero adj valent) same iron)) and (halogen\$5 or dehalogenat\$3)) and suspension)) and (zero adj valent) same (emulsion or suspension))) not (((zero adj valent) same (emulsion or suspension)) not (((zero adj valent) same metal ) or ((zero adj valent) same iron)) and (halogen\$5 or dehalogenat\$3)) and emulsion) or (((zero adj valent) same metal ) or ((zero adj valent) same iron)) and (halogen\$5 or dehalogenat\$3)) and suspension)) and (zero adj valent) same (emulsion or suspension))) and emulsion)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 16:34
S12 4	991	((zero adj valent) same metal ) or ((zero adj valent) same iron)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 18:32
S12 5	127	((zero adj valent) same metal ) or ((zero adj valent) same iron)) and surfactant	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 18:32
S12 6	69	((zero adj valent) same metal ) or ((zero adj valent) same iron)) and surfactant) and oil	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 18:32
S12 7	67	((zero adj valent) same metal ) or ((zero adj valent) same iron)) and surfactant) and oil) and water	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 18:33
S12 8	59	((zero adj valent) same metal ) or ((zero adj valent) same iron)) and surfactant) and oil) and water) and (emulsion or suspen\$4 or PRB or permeable)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 18:34

S12 9	24	(US-6303367-\$ or US-5789649-\$ or US-5616253-\$ or US-5447639-\$ or US-5362402-\$ or US-6261029-\$ or US-6207114-\$ or US-6190092-\$ or US-6013232-\$ or US-5733067-\$ or US-5711020-\$ or US-5096600-\$ or US-6265205-\$ or US-6403364-\$ or US-6398960-\$ or US-6423531-\$ or US-6121371-\$ or US-6045707-\$).did. or (US-20020106513-\$ or US-20020091293-\$).did. or (JP-10263522-\$ or JP-11235577-\$ or JP-10071386-\$).did. or (JP-2002069425-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2003/02/27 20:12
S13 0	5	"5990365"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 20:17
S13 1	5	"6121371"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 20:17
S13 2	25	(US-6303367-\$ or US-5789649-\$ or US-5616253-\$ or US-5447639-\$ or US-5362402-\$ or US-6261029-\$ or US-6207114-\$ or US-6190092-\$ or US-6013232-\$ or US-5733067-\$ or US-5711020-\$ or US-5096600-\$ or US-6265205-\$ or US-6403364-\$ or US-6398960-\$ or US-6423531-\$ or US-6121371-\$ or US-6045707-\$ or US-5990365-\$).did. or (US-20020106513-\$ or US-20020091293-\$).did. or (JP-10263522-\$ or JP-11235577-\$ or JP-10071386-\$).did. or (JP-2002069425-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2003/02/27 20:18
S13 3	3	((US-6303367-\$ or US-5789649-\$ or US-5616253-\$ or US-5447639-\$ or US-5362402-\$ or US-6261029-\$ or US-6207114-\$ or US-6190092-\$ or US-6013232-\$ or US-5733067-\$ or US-5711020-\$ or US-5096600-\$ or US-6265205-\$ or US-6403364-\$ or US-6398960-\$ or US-6423531-\$ or US-6121371-\$ or US-6045707-\$ or US-5990365-\$).did. or (US-20020106513-\$ or US-20020091293-\$).did. or (JP-10263522-\$ or JP-11235577-\$ or JP-10071386-\$).did. or (JP-2002069425-\$).did.) and (vegetable or food) same oil	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 20:39

S13 4	710	(252/181).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/01/26 19:22
S13 5	0	((252/181).CCLS.) and zero adj valent	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 20:41
S13 6	77	((252/181).CCLS.) and emulsion	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 20:41
S13 7	56	((252/181).CCLS.) and emulsion) and (iron or Fe or Fe0)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 20:42
S13 8	23	((252/181).CCLS.) and emulsion) and (iron or Fe or Fe0)) and surfactant	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 20:42
S13 9	17	((252/181).CCLS.) and emulsion) and (iron or Fe or Fe0)) and surfactant) and oil	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/27 20:42
S14 0	1789	(zero adj valent) or zerovalent	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/28 12:10
S14 1	1223	((zero adj valent) or zerovalent ) same (metal or iron)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/28 12:11
S14 2	15	((zero adj valent) or zerovalent ) same (metal or iron)) same (PRB or permeable)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/28 13:40
S14 3	0	((zero adj valent) or zerovalent ) same (metal or iron)) same (PRB or permeable)) and (oil and surfactant)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/28 12:12
S14 4	1	((zero adj valent) or zerovalent ) same (metal or iron)) same (PRB or permeable)) and emulsion	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/28 12:13
S14 5	2	((zero adj valent) or zerovalent ) same (metal or iron)) same (PRB or permeable)) and surfactant	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/28 12:17
S14 6	0	((zero adj valent) or zerovalent ) same (metal or iron)) same (PRB or permeable)) and oil ) and (((zero adj valent) or zerovalent ) same (metal or iron)) same (PRB or permeable)) and emulsion) and (((zero adj valent) or zerovalent ) same (metal or iron)) same (PRB or permeable)) and surfactant)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/28 12:13

S14 7	0	((((zero adj valent) or zerovalent ) same (metal or iron)) same (PRB or permeable)) and oil ) and (((((zero adj valent) or zerovalent ) same (metal or iron)) same (PRB or permeable)) and surfactant)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/28 12:13
S14 8	5	((((zero adj valent) or zerovalent ) same (metal or iron)) same (PRB or permeable)) and oil	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/28 12:16
S14 9	16	("3628607"   "3846290"   "4401569"   "4755304"   "4997313"   "5265674"   "5277815"   "5531895"   "5554290"   "5725470"   "5840571"   "5888396"   "5993660"   "6059973"   "6110372"   "6267888").PN.	USPAT	OR	ON	2003/02/28 12:15
S15 0	0	"6398960".URPN.	USPAT	OR	ON	2003/02/28 12:15
S15 1	2	(("3628607"   "3846290"   "4401569"   "4755304"   "4997313"   "5265674"   "5277815"   "5531895"   "5554290"   "5725470"   "5840571"   "5888396"   "5993660"   "6059973"   "6110372"   "6267888").PN.) and (iron or zero adj valent or Fe0)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/28 12:16
S15 2	3	((((zero adj valent) or zerovalent ) same (metal or iron)) same (PRB or permeable)) and (surfactant or emulsif\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2003/02/28 12:18
S15 3	1	("5587157").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2003/02/28 13:50
S15 4	1	("5990365").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2003/02/28 13:50
S15 5	0	97/09114	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/08/01 10:45
S15 6	6	"9709114"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/08/01 11:44
S15 7	13958	("w/o" or water adj oil) with emuls\$8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/08/01 11:49



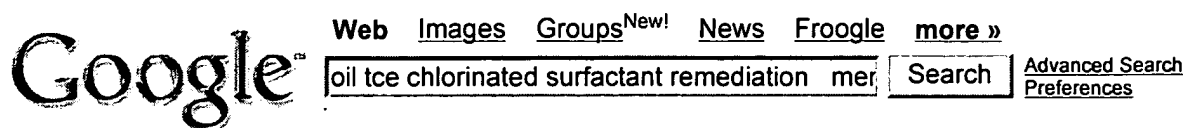
S15 8	6	((("4425261") or ("5179059")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/08/01 11:46
S15 9	2	((("4425261") or ("5179059")).PN.) and (emulsion or microemulsion)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/08/01 11:46
S16 0	1979	((("w/o" or water adj oil) with emuls\$8) and ("w/o" or water adj oil) with emuls\$8 and (Fe or iron)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/08/01 11:50
S16 1	132	((("w/o" or water adj oil) with emuls\$8) and ("w/o" or water adj oil) with emuls\$8 and (Fe or iron)) and ("w/o" or water adj oil) with emuls\$8 same (Fe or iron)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/08/01 11:53
S16 2	1	((("w/o" or water adj oil) with emuls\$8) and ("w/o" or water adj oil) with emuls\$8 and (Fe or iron)) and ("w/o" or water adj oil) with emuls\$8 same (Fe or iron)) and ("w/o" or water adj oil) with emuls\$8 with (reverse or inverse)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/08/01 11:51
S16 3	9	((("w/o" or water adj oil) with emuls\$8) and ("w/o" or water adj oil) with emuls\$8 and (Fe or iron)) and ("w/o" or water adj oil) with emuls\$8 same (Fe or iron)) and (zero adj valent or metallic) with (Fe or iron)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/08/01 11:54
S16 4	33	(US-6303367-\$ or US-5789649-\$ or US-5616253-\$ or US-5447639-\$ or US-5362402-\$ or US-5833388-\$ or US-6261029-\$ or US-6207114-\$ or US-6190092-\$ or US-6013232-\$ or US-6265205-\$ or US-5733067-\$ or US-5711020-\$ or US-6403364-\$ or US-6398960-\$ or US-5096600-\$ or US-6423531-\$ or US-5587157-\$ or US-5990365-\$ or US-6121371-\$ or US-6045707-\$ or US-6357968-\$ or US-5736032-\$ or US-5589164-\$ or US-4565635-\$).did. or (US-20020106513-\$ or US-20020091293-\$).did. or (WO-9709114-\$).did. or (JP-11235577-\$ or JP-10263522-\$ or JP-10071386-\$).did. or (JP-2002069425-\$ or WO-8102688-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/25 20:49

S16 5	33	(US-20020091293-\$ or US-20020106513-\$).did. or (US-4565635-\$ or US-5096600-\$ or US-5362402-\$ or US-5447639-\$ or US-5587157-\$ or US-5589164-\$ or US-5616253-\$ or US-5711020-\$ or US-5733067-\$ or US-5736032-\$ or US-5789649-\$ or US-5833388-\$ or US-5990365-\$ or US-6013232-\$ or US-6045707-\$ or US-6121371-\$ or US-6190092-\$ or US-6207114-\$ or US-6261029-\$ or US-6265205-\$ or US-6303367-\$ or US-6357968-\$ or US-6398960-\$ or US-6403364-\$ or US-6423531-\$).did. or (WO-9709114-\$).did. or (JP-10071386-\$ or JP-10263522-\$ or JP-11235577-\$).did. or (WO-8102688-\$ or JP-2002069425-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/25 13:19
S16 6	28	emulsion with (zero adj valent or iron) with surfactant with oil with water	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/25 15:31
S16 7	28	emulsi\$3 with (zero adj valent or iron) with surfactant with oil with water	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/25 15:31
S16 8	31	emulsi\$8 with (zero adj valent or iron) with surfactant with oil with water	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/25 16:05
S16 9	4	emulsi\$8 with (zero adj valent or nanoscale or microscale) near3 (iron or metal) same surfactant same oil same water	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/25 19:30
S17 0	4	emulsi\$8 same (zero adj valent or nanoscale or microscale) with (iron or metal) same surfactant same oil same water	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/25 19:31
S17 1	18	emulsi\$8 same (metallic) with (iron or metal) same surfactant same oil same water	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/25 20:09
S17 2	186	(516/22).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/26 19:23
S17 3	9	emulsi\$8 same (metallic or free adj metal or zero adj valen\$4) with (iron or Fe or Pd or pt or ir or rh or os or ru or ni or co) same surfactant same oil same water	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/25 20:11

S17 4	4	emulsi\$8 same (metallic or free adj metal or zero adj valen\$4) with (copper or lead or platinum or cobalt) same surfactant same oil same water	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/25 20:11
S17 5	30	("4107288"   "4359537"   "4933105"   "4933404"   "4960737"   "4968350"   "5035876"   "5059574"   "5112676"   "5147841"   "5196177"   "5338761"   "5376347"   "5540981"   "5599759"   "5622684"   "5645891"   "5662824"   "5670088"   "5688761"   "5695901"   "5698483"   "5714536"   "5725802"   "5731261"   "5770172"   "5837025"   "5981445").PN. OR ("6413489"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 20:23
S17 6	42	(US-20020091293-\$ or US-20020106513-\$ or US-20040127580-\$).did. or (US-4565635-\$ or US-5096600-\$ or US-5362402-\$ or US-5447639-\$ or US-5587157-\$ or US-5589164-\$ or US-5616253-\$ or US-5711020-\$ or US-5733067-\$ or US-5736032-\$ or US-5789649-\$ or US-5833388-\$ or US-5990365-\$ or US-6013232-\$ or US-6045707-\$ or US-6121371-\$ or US-6190092-\$ or US-6207114-\$ or US-6261029-\$ or US-6265205-\$ or US-6303367-\$ or US-6357968-\$ or US-6398960-\$ or US-6403364-\$ or US-6423531-\$ or US-3625286-\$). did. or (US-6413489-\$ or US-5770172-\$ or US-5725802-\$ or US-5662824-\$ or US-5147841-\$). did. or (WO-9709114-\$).did. or (JP-10071386-\$ or JP-10263522-\$ or JP-11235577-\$ or JP-60039178-\$).did. or (WO-8102688-\$ or JP-2002069425-\$ or EP-370939-\$). did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/25 20:48

S17 7	65	(US-6303367-\$ or US-5789649-\$ or US-5616253-\$ or US-5447639-\$ or US-5362402-\$ or US-5833388-\$ or US-6261029-\$ or US-6207114-\$ or US-6190092-\$ or US-6013232-\$ or US-6265205-\$ or US-5733067-\$ or US-5711020-\$ or US-6403364-\$ or US-6398960-\$ or US-5096600-\$ or US-6423531-\$ or US-5587157-\$ or US-5990365-\$ or US-6121371-\$ or US-6045707-\$ or US-6357968-\$ or US-5736032-\$ or US-5589164-\$ or US-4565635-\$).did. or (US-20020106513-\$ or US-20020091293-\$).did. or (WO-9709114-\$).did. or (JP-11235577-\$ or JP-10263522-\$ or JP-10071386-\$).did. or (JP-2002069425-\$ or WO-8102688-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/25 20:49
S17 8	9	"5990365"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/26 14:44
S17 9	4	S178 and emulsi\$9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/26 18:13
S18 2	38	(588/231,236,248).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/01/26 19:22
S18 3	1827	(210/747,757,908).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/01/26 19:22
S18 4	275	(405/128.75,128.45).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/01/26 19:22
S18 5	947	(252/181).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/01/26 19:49
S18 6	187	(516/22).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/26 19:23

S18 7	2933	S182 or S183 or S184 or S185 or S186	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/26 19:23
S18 8	213	S187 and @PD>"20030909"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/26 19:50
S18 9	35	S188 and (emulsion or emulsified or zero adj valent or zvi or micelle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/26 19:26
S19 0	151	(252/178).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/01/26 19:50
S19 1	2	S190 and @PD>"20030909"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/26 20:10
S19 2	2	("6261029").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/26 20:15
S19 3	2	("6398960").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/26 20:19
S19 4	1	formation with barrier with groundwater with zero adj valent adj iron adj colloids	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/26 20:29
S19 5	1	synthesizing adj nanoscale adj iron adj particles	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/26 20:29



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